RD 7050
ND 7500

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Declaración de conformidad con normas

El que suscribe, en nombre y representación de:
ACT Hong Kong, Division of
Philips China Hong Kong Group Company Ltd.

declara, bajo su propia responsabilidad, que el

equipo :**Radiocasete/lector de CD**
fabricado por :**ACTeam Hong Kong**
en :**Far East**
marca :
modelos :**ND 7500/RD 7050**

objeto de esta declaración, cumple con la normativa siguiente: Reglamento sobre Perturbaciones Radioeléctricas, Real Decreto 138/1989, Anexo V.

Hecho en: Hong Kong, 01-1993

Firma:

Nombre: C. S. Lau
Cargo: Quality Assurance Manager

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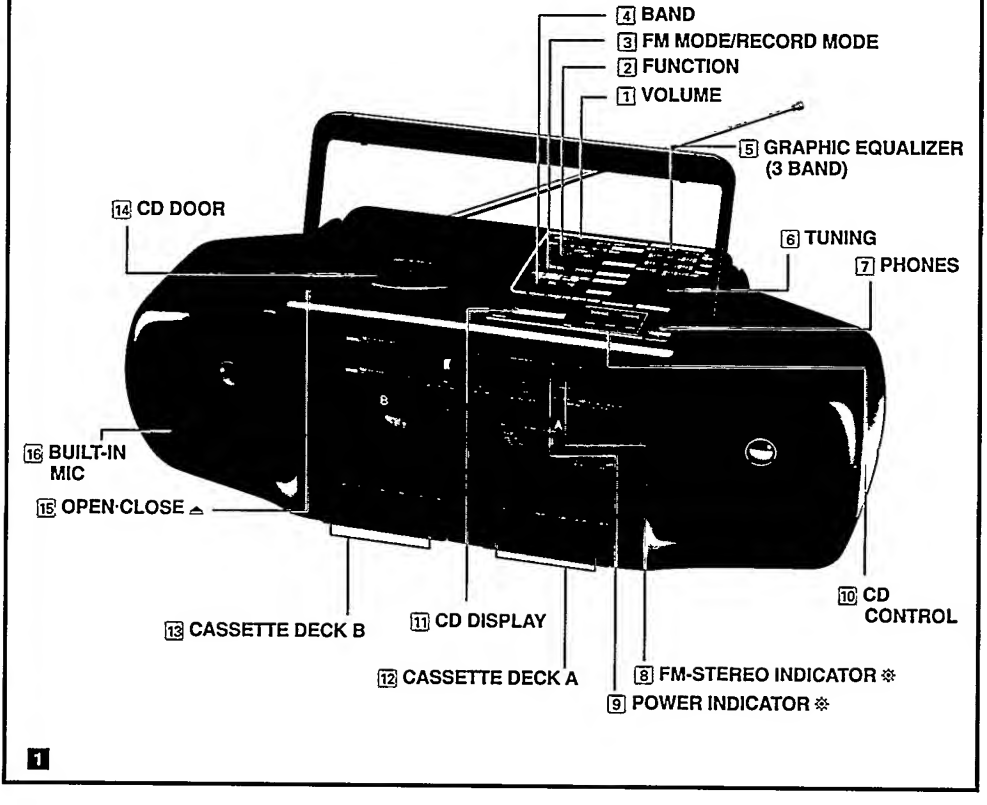
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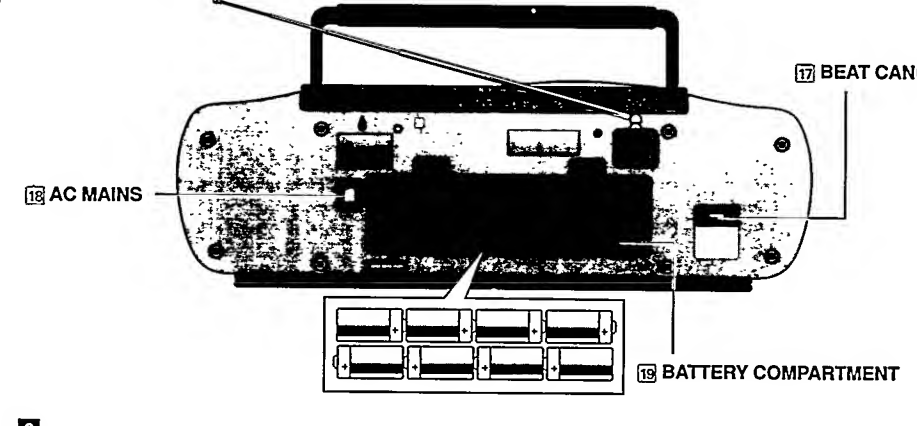
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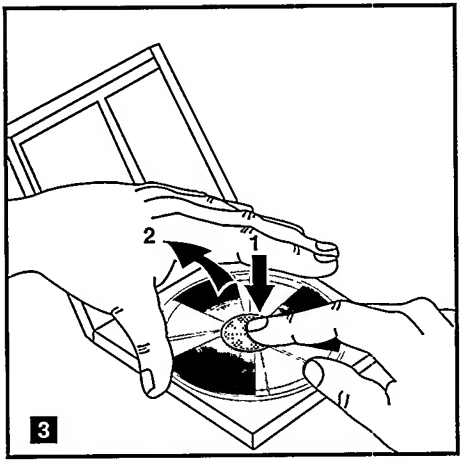
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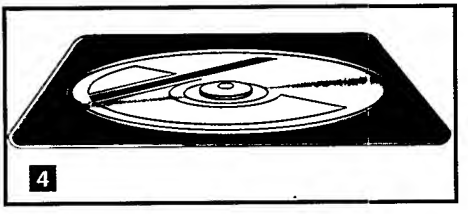
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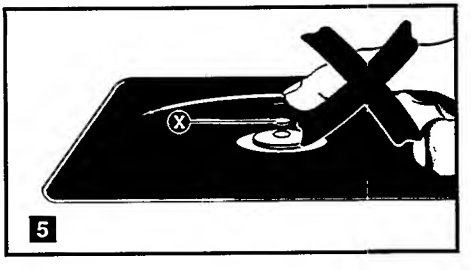
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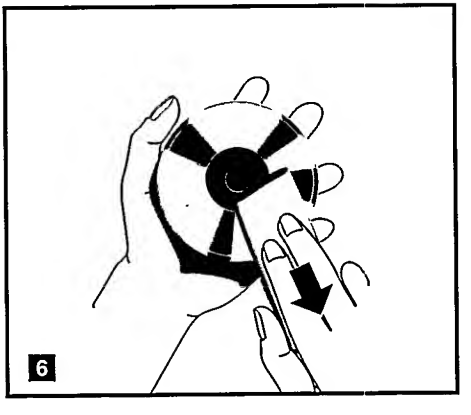
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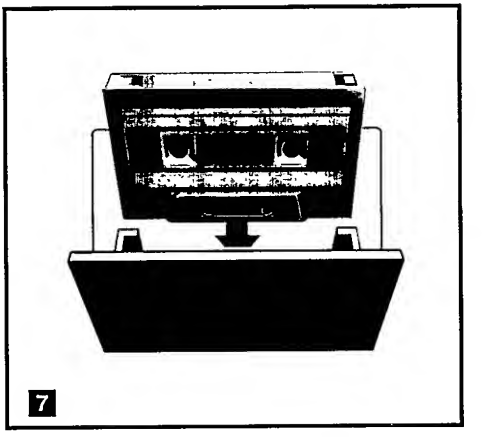
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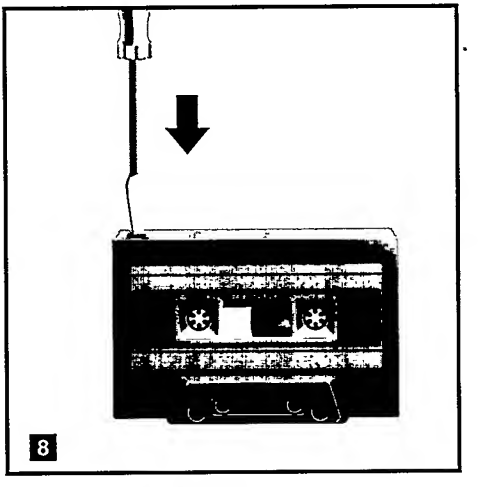
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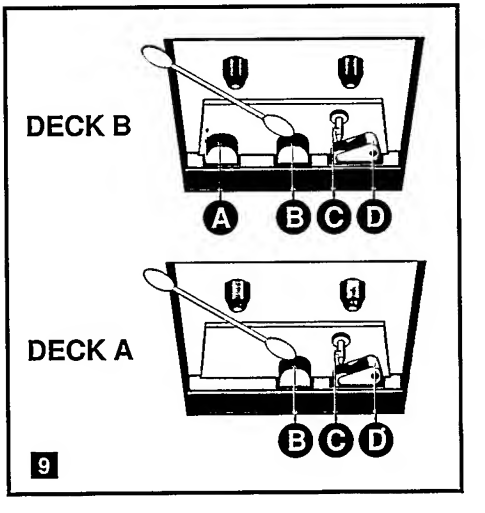
DECK B
A
B
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DECK A
B
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D
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TOP AND FRONT PANEL - fig. 1

① **VOLUME** control – to adjust the volume level
② **Function** switch
- **CD** : to switch to CD mode
- **TAPE** : to switch to Tape mode
- **RADIO** : to switch to Radio mode

③ **FM MODE/RECORD MODE** switch
- **FM MODE**
  To switch the Radio to mono/stereo mode
- **RECORD MODE**
  To switch the desired dubbing mode:
  - **HIGH SPEED**
  - **NORMAL SPEED**
  - **MIC REC**

④ **BAND** switch
To select between FM, MW and LW(*LW not on all versions*).
⑤ **GRAPHIC EQUALIZER (3 BAND)**
To adjust tone colour
⑥ **TUNING** control – to tune to radio stations
⑦ **PHONES** stereo headphone socket
Connection for headphones (impedance 8-32 ohms)
⑧ **FM-STEREO Indicator** ✲ – lights up when receiving on FM stereo stations
⑨ **POWER Indicator** ✲ — lights up when power supply is on.
⑩ **CD control**
▶II **PLAY/PAUSE** button – To start and interrupt playback.
■ **STOP** button – To stop playback. To clear a program, press STOP.
⏮ **B. SKIP** : to return to the start of a track.
⏭ **F. SKIP** : to select the next track.
PROG(**ram**) – To program the track numbers in the memory
⑪ **CD DISPLAY** – To indicate what function the unit is performing:
II – indicating that **PAUSE** activated
PGM – indicating that the program function is activated
0 ! – indicating the total numbers of track in the disc and the current track
00:00 – indicating the total playing time and its elapsed playing time
⑫ **CASSETTE DECK A**
- **PAUSE** II button
- **STOP/EJ(ECT)** ■ button
- **F. FWD** ▶▶ button
- **REWIND** ◀◀ button
- **PLAY** ▶ button

⑬ **CASSETTE DECK B**
- **PAUSE** II button
- **STOP/EJ(ECT)** ■ button
- **F. FWD** ▶▶ button
- **REWIND** ◀◀ button
- **PLAY** ▶ button
- **RECORD** ● button

⑭ **CD Door**
⑮ **OPEN•CLOSE** ▲ - to open the CD cover
⑯ **BUILT-IN MIC** – Under the Speaker Grill

Important notes for users in the U.K.:

Mains Plug
This apparatus is fitted with an approved moulded 13 Amp plug.
To change a fuse in this type of plug proceed as follows:
- Remove fuse cover and fuse.
- Fix new fuse which should be a BS1362 5 A, A.S.T.A. or BSI approved type.
- Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place
If the mains plug contains a fuse, this should have a value of 5 A. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5 A.
Note: The severed plug must be destroyed to avoid a possible shock hazard should it be inserted into a 13 A socket elsewhere.

How to connect a plug
The wires in the mains lead are coloured with the following code: blue = neutral (N), brown = live. (L)
As these colours may not correspond with the colour markings identifying the terminals in your plug, proceed as follows:
- Connect the blue wire to the terminal marked N or coloured black.
- Connect the brown wire to the terminal marked L or coloured red.
- Do not connect either wire to the earth terminal in the plug, marked E (or ⏚) or coloured green (or green and yellow).

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead – not simply over the two wires.

Copyright: Recording and playback of material may require consent. See Copyright Act 1956 and The Performer's Protection Acts 1958 to 1972.

English

SIDE AND BACK PANEL - fig. 2

⑰ **BEAT CANCEL** Switch - For eliminating possible whistle tones during MW AND LW (*LW not on all versions*) recordings
⑱ **AC MAINS** - socket for mains lead
⑲ **BATTERY Compartment**

SUPPLY

Battery supply

- Whenever convenient, use AC mains supply if you want to conserve battery life.
- Open the battery compartment (fig. 2) and insert as indicated eight batteries, type R20, UM1 or D-cells (batteries not included).
- Remove the batteries if exhausted or if the unit is not to be used for a long period.
  The battery supply is switched off when the set is connected to the mains. To change over to battery supply, remove the plug from the MAINS socket ⑱.

Mains supply

- Check that the mains voltage as shown on the type plate (at the back of the set) corresponds to your local mains voltage. If it does not, consult your dealer or service organisation.
- Connect the mains lead to the MAINS socket ⑱ (fig. 2) and the wall socket. The mains supply is now connected.
- To disconnect the set from the mains, withdraw the mains plug from the wall socket.

RADIO

RADIO RECEPTION

- Set the FUNCTION switch ② to RADIO. The POWER indicator ⑨ ☼ lights up.
- Adjust the sound with the VOLUME ①. Set the tone color with the 3-band graphic equalizer. You may connect stereo headphones with 3.5 mm plug to the socket Ω PHONES ⑦. The loudspeakers are then muted.
- Select the wave band using the BAND switch ④.
- Tune to a desired radio station using the TUNING control knob ⑥.
  - For FM, pull out the telescopic aerial. To improve FM-reception, incline and turn the aerial. Reduce its length if the FM-signal is too strong (very close to a transmitter).
  - For MW AND LW (*LW not on all versions*), the set is provided with a built-in aerial, so there is no need to use the telescopic aerial. The aerial can be directed by turning the whole set.
- When FM STEREO ☼ ⑧ lights up, you are receiving a FM-stereo transmitter. A disturbing noise, due to a weak FM-stereo signal, can be suppressed by setting the FM MODE switch ③ to MONO. FM STEREO ☼ ⑧ will then go out and you will hear *(and record)* the FM programme in mono.
- The set is switched off if the FUNCTION switch ② is in the TAPE position and no buttons are pressed.

Compact Disc

COMPACT DISC

Use compact discs bearing the symbol below. In addition to the conventional 5 inches CDs, 3 inches CDs can be used without an adaptor.

Bear in mind the following points, since any dirt, scratches or warping of the disc can cause broken or intermittent sound and also noise.

- To remove the disc from its case lift it out by holding the disc's centre with your forefinger and the outside of the disc with your thumb (Fig. 3).
- When holding the discs, take care not to touch the playing surface.
- Store the discs in their cases. Return them to their cases with the label surface facing up and push down lightly on the label surface.
- Do not place discs in the following locations:
  - near a heating device or a place where the temperature is high;
  - on a seat or on the dashboard of a vehicle which is exposed to direct sunlight, since these areas can become very hot;
  - in damp or dusty areas.
- Do not write on the label surface using a ballpoint pen or hard pencil and do not stick labels on this surface.
- Wipe away any fingerprints or dust on the playing surface of a disc using a soft cloth. Bear in mind the following points:
  - always wipe from the inside toward the outside of the disc (See Fig. 6).
  - do not use conventional record cleaners, anti-static agents, benzene, thinner or other solvents.

Playing a Disc

- Set the FUNCTION switch ② to CD. The POWER indicator ⑨ ※ lights up.
- Press **OPEN/CLOSE ▲** ⑮ to open the CD door.
- Insert the CD, printed side facing up (See Fig. 4).
- Press the CD door firmly to close the CD door. The CD-player starts and scans the contents list of the CD. After a few seconds, the total playing time and the number of tracks appear on the display.
- Playback will start by pressing **PLAY/PAUSE ▶II**.
  As soon as playback starts, the display shows the track number and the elapsed playing time of that title.
- Adjust the sound with the VOLUME ① control. Set the tone color with the 3-band graphic equalizer.
- For brief interruptions, press PAUSE. The II indicator then appears. To resume playback, press **PLAY/PAUSE ▶II** again.
- To stop playback, press **STOP ■**.
  – 00:00 will then appears in the display.

Selecting a different track during play

- Press **⏮ SKIP ⏭** until the required track number appears in the display.
  – Press **PLAY/PAUSE ▶II**, shortly after this, the chosen track will start playing.

Starting again with the track that is currently playing

- Press **⏮ SKIP** once.
- The track will be started again from the beginning.

English

English

Programming

By programming the player, you can play up to 20 tracks in any desired order. If you exceed the maximum of 20 tracks, the program function will restart from the beginning.

- Place the disc to be programmed in the CD player.
  - Press PROG(ram), the display will show PGM and P:01.
  - Use ⏮ SKIP ⏭ to select the first track to be programmed.
  - When the desired track appears on the display, press PROG(ram) to store the track into the memory.
  - The display will show PGM and P:02 indicating the next track number to be programmed.
  - Repeat this procedure to select other tracks that you wish to program from the disc into the memory.

Reviewing the programme

- Press PROG(ram) repeatedly.
  - The review of the tracks currently programmed will begin.

Playing a program

- Press **PLAY/PAUSE ▶II**.
  - Play starts with the first track of the program.
  - When all tracks have been played, the display shows the first track that is programmed.
- To stop playback, press **STOP ■**.

Note:

While playing in **PROG**(ram) mode, it is possible to use ⏮ SKIP ⏭ to select the desired programmed tracks.

Erasing a program

A program is erased if you:

- Press the **STOP ■** button, after you stop the playback.

Or

- By pressing the **OPEN/CLOSE** button.

CASSETTE PLAYBACK

Playback on deck A or B

- Set the FUNCTION switch ② to TAPE. The POWER indicator ⑨ ※ goes out.
- Press STOP/EJ(ECT) ■ and insert a recorded cassette. For playback, any cassette type can be inserted (fig. 7).
- Adjust the sound with the VOLUME ① control. Set the tone color with the 3-band graphic equalizer. You may connect stereo headphones with 3.5 mm plug to socket Ω PHONES. The loudspeakers are then muted.
- Press PLAY ▶ and playback will start. The POWER indicator ⑨ ※ lights up.
  –
  Playback stops when the tape in the deck reaches the end.
- To interrupt playback, press PAUSE II.
- To continue playback, press PAUSE II again.
- Press STOP ■ if you want to stop the playback before the end of the tape.
  – When the end of the tape is reached, the PLAY ▶ buttons are released.
- The set is switched off if FUNCTION switch ② is in the TAPE position and no buttons are pressed.

Winding the tape

- Press F.FWD ⏩ button to fast-forward the tape.
- Press REWIND ⏪ button to fast-rewind the tape.
- Press STOP ■ to stop fast-forward or fast rewind.

Continuous play

- Set the FUNCTION switch ② to TAPE. The POWER indicator ⑨ ※ goes out.
- Press both STOP/EJ(ECT) buttons ■ and insert a recorded cassette into both decks (fig. 7).
- Press PLAY ▶ on Deck A followed by PAUSE II and PLAY ▶ and on Deck B.
  – Playback begins with Deck A.
- Playback stops when the tape in DECK A reaches the end.
  – The PAUSE II button will be automatically released and playback continues with Deck B.

- Press STOP ■ if you want to stop playback before the end of the tape in Deck A or Deck B. The set is then switched off.

Notes:
– When in continuous mode, the pressing of STOP/EJ(ECT) button ■ in Deck A will start the playback of Deck B.

RECORDING (on deck B only)

GENERAL INFORMATION

Copyright
Recording is permissible insofar as copyright or other rights of third parties are not infringed.
– Recording is only possible with DECK B.
– The tape in the cassette is secured at both ends with leader tape. At the beginning and end of the cassette, nothing will be recorded for six to seven seconds.
– For recording, use normal cassettes of IEC type I on which the tabs (Fig. 8) have not been broken.
– The recording level is set automatically, regardless of the position of VOLUME.
– Accidental erasure can be prevented by breaking the small tab in the top left-hand corner of the back of the cassette. (See Fig. 8) This protection can be reversed with a piece of adhesive tape placed over the same corner.
– Store the cassettes at room temperature and do not put them too close to magnets and transformers, for example, TVs and loudspeaker boxers.

Recording
- Press STOP/EJ(ECT) ■ to open the cassette holder.
- Insert the cassette into the tape deck (fig. 7). For recording you must use a NORMAL cassette (IEC I) on which the tabs (fig. 8) have not been broken. At the very beginning and end of the tape, no recording will take place during the first 7 seconds when the leader tape passes the recording heads.
- Select the recording speed by setting the RECORD MODE switch ③ to NORMAL or HIGH SPEEDING to the desired position. For mono-recording from the built-in microphone, set the RECORD MODE switch ③ to MIC REC.
- When monitoring during recording, adjust the sound with the VOLUME ① control and set the tone color with the 3-band graphic equalizer. These controls do not affect the recording.
- Start recording by pressing RECORD ●; and PLAY ▶ is then pressed at the same time.
  – When the end of the tape is reached, the recording buttons are released.
- To interrupt recording, press PAUSE II.
- To continue recording, press PAUSE II again.
- Press STOP/EJ(ECT) ■ if you want to stop the recording before the end of the tape. On pressing again, the cassette holder will open.
- The set is switched off if the FUNCTION switch ② is in the TAPE position and no buttons are pressed.

Notes:
During recording, no buttons in deck A should be pressed (except for PLAY ▶ during dubbing).

Recording from the CD-player
- Set the FUNCTION switch ② to CD. The POWER indicator ⑨ ☼ lights up.
– Select the desired track using ⏮ SKIP ⏭.
- Start recording by pressing RECORD ●; and PLAY ▶ is then pressed at the same time.

Recording from the radio
- Set the FUNCTION switch ② to RADIO. The POWER indicator ⑨ ☼ lights up.
- Select the wave band using the BAND switch ④.
- Tune to a desired radio station using the TUNING control knob ⑥.
- In case of FM radio recordings, set the FM MODE switch ③ to the desired position.
- If during the recording of a MW AND LW station (*LW not on all versions*), a whistling sound is heard, this sound can be suppressed by setting the BEAT CANCEL switch ⑰ to another position (A, B or C).

Mono recording from the built-in microphone

- Set the FUNCTION switch ② to TAPE. The POWER indicator ⑨ ※ goes out.
- Set the RECORD MODE switch ③ to the MIC REC position.
- Set the VOLUME control ① to the minimum volume level (during microphone recordings, monitoring is not possible).

DUBBING – Copying from deck A to B

When dubbing, it is recommended to use fresh batteries or to connect the set to the mains supply.

- Set the FUNCTION switch ② to TAPE.
- Set the RECORD MODE switch ③ to:
  - NORMAL SPEED : for normal speed copying;
  - HIGH SPEED : for high speed copying.
  - Do not switch this switch during dubbing.
- Press both EJ(ECT) buttons ■ and insert a recorded cassette into deck A and a cassette which is suited for recording into deck B (fig. 7).
- Press PAUSE ⏸ followed by RECORD ● on deck B.
- To start dubbing, press PLAY ▶ on deck A.
- Press PAUSE ⏸ on deck B if you wish to omit undesired passages and the playback in deck A continues. To restart dubbing, press PAUSE ⏸ again.
- By pressing PAUSE ⏸ in deck A during dubbing, a blank part will be recorded in deck B.
- To stop dubbing, press both STOP buttons ■. The set is then switched off.

MAINTENANCE

THE CD PLAYER

- A chamois leather slightly moistened with water is sufficient for cleaning the housing of the unit and the enclosures.
- Keep the CD door free of dust using a clean cloth.
- The lens Ⓧ (Fig. 5) should never be touched or cleaned,
  - The lens may steam up when the set is taken from a cold into a warm environment. Playing a CD is not possible then. Do not clean the lens, but let the set acclimatize for a while.

THE CDs

- Never write on the printed side of a CD.
- Do not attach any stickers to a CD.
- Keep the shiny surface of a CD clean. Use a soft lint-free cloth and always wipe the CD in a straight line from centre to edge (Fig. 6).
- Never use cleaning agents for conventional records and grease solvents or abrasives to clean CDs.

Cassette deck

To ensure good recording and playback quality, clean the parts Ⓐ Ⓑ Ⓒ Ⓓ indicated in fig. 9 after every 50 hours of operation or, on average, once a month.

- Open the cassette holder by pressing STOP/EJ(ECT) ■.
- Use a cotton bud slightly moistened with alcohol or a special head cleaning fluid.
- Press PLAY ▶ and clean the rubber pressure roller Ⓓ (fig. 9).
- Press PAUSE ⏸ and clean the capstan Ⓒ, recording/playback head Ⓑ and erase head Ⓐ.
- After cleaning, press STOP ■.
  Cleaning of the heads Ⓐ and Ⓑ can also be done by playing a cleaning cassette through once.

Remarks:

- The CD-player and the cassette decks are fitted with self-lubricating bearings which must not be oiled or greased.
- Fingerprints, dust and dirt on the set can be removed by using a soft, clean, and slightly damp leather cloth. Do not use any cleaning agents, since they may damage the cabinet.
- Do not expose the set, batteries and cassettes to rain, moisture, sand, or to excessive heat e.g. from heating equipment or in motor cars parked in the sun.

FAULTS AND THEIR LIKELY CAUSES

- If a fault occurs, first check the points listed below before sending the unit for repair. If the remedies fail to help, consult your dealer.

Problems with the CD player

- The CD is not inserted properly with the printed side facing up.
- The CD is dirty, badly scratched or warped.
- Because of large temperature differences, condensation has formed on the lens of the laser. This will disappear after some time.

Problems with the cassette decks

These are mainly caused by dust and dirt on the heads. See whether cleaning them helps.

PROBLEMS WITH THE WHOLE SYSTEM

Electrostatic charge may cause unexpected symptoms. See whether these symptoms disappear if you unplug the AC cord and plug it in again after a short period.

CAUTION:

INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO BEAM.

The type plate is located on the rear of the set.

This product complies with the radio interference requirements of the European Community.

RD 7050
ND 7500

Printed In Hong Kong